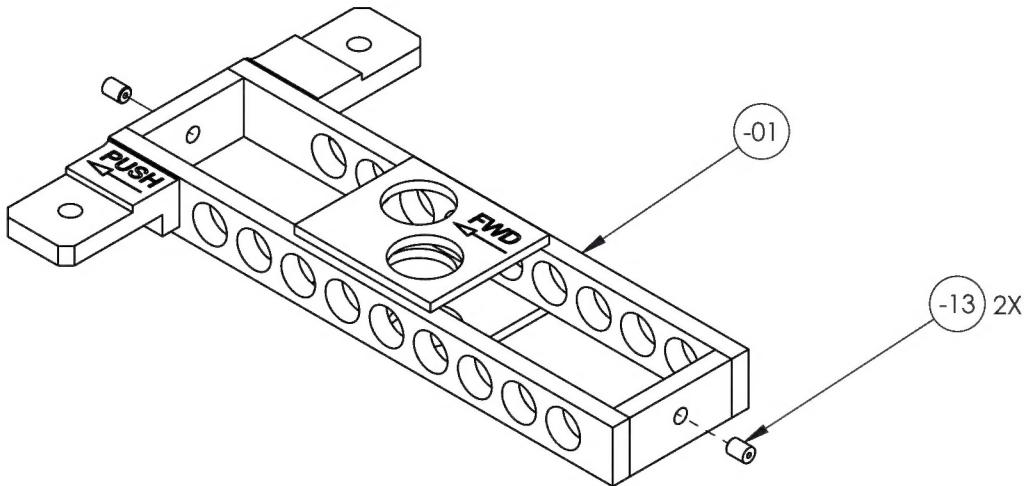


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1	14-0221	UPDATED TO NEW DRAFTING STANDARDS. -01 IMPROVED GD&T. CH'D DIM WAS 2X Ø.183 P.F. -13 IS 2X LIMITS Ø.1880-.1885 THRU ALL. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II. -03 REMOVED GD&T. DELETED DIMS 2X .05. 2.00. 5.33. CH'D DIM WAS 7.44 IS (7.44). -05 CH'D DIM WAS .25 IS (.25). -07 CH'D DIM WAS .12 IS (.12). -09 CH'D DIM WAS .25 IS (.25). -11 CH'D DIMS WAS .63 IS (.625). WAS 1.00 IS 1.13.		11/21/2014	DPD	JAG	
2	15-0295	-01 CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS. ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM. CH'D DIM 2X Ø.1885-.1880 THRU ALL FEATURE CONTROL FRAME TARGET DIM WAS Ø.003 IS Ø.0065 AND ATTACHED DATUM B TO IT. ADDED 3/16 TEXT HT. TO MACHINE ENGRAVE NOTE. -05, -07, -09 AND -11 CH'D MATERIAL WAS 1018 IS A36. -05 ADDED MISSING DIM 9X .38.		9/10/2015	RJC	JAG	



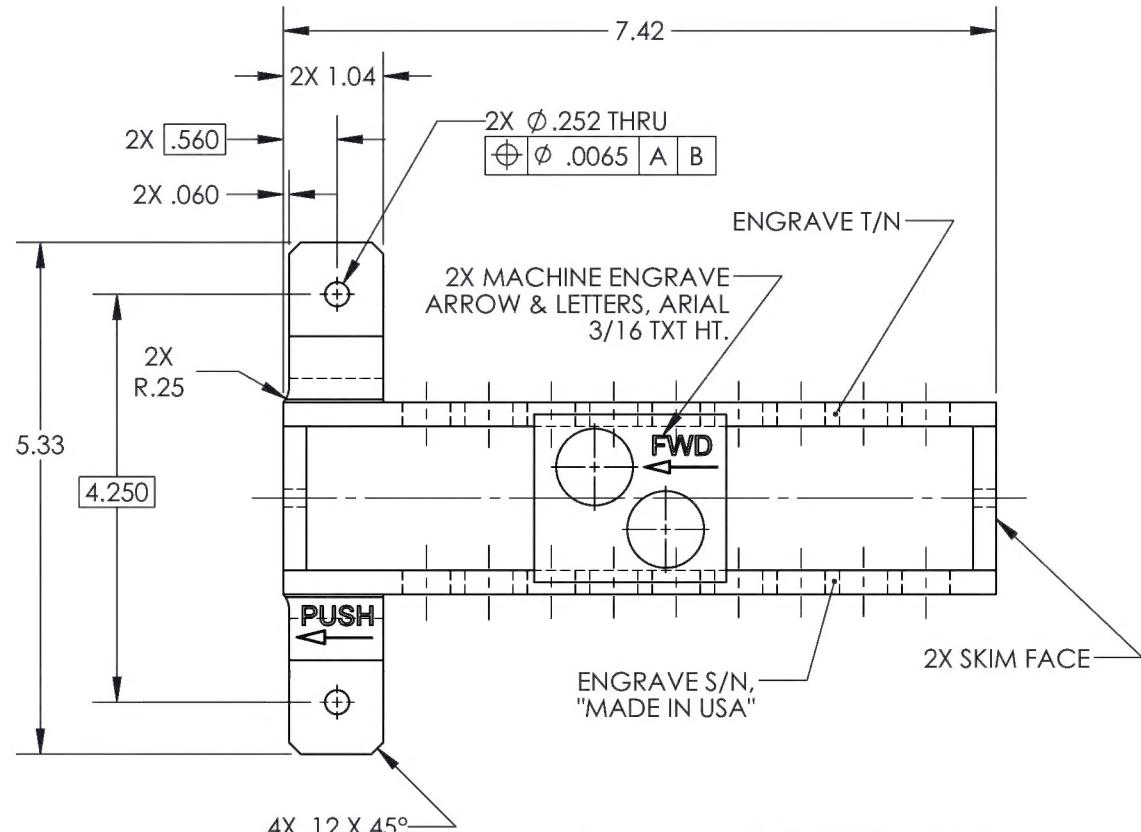
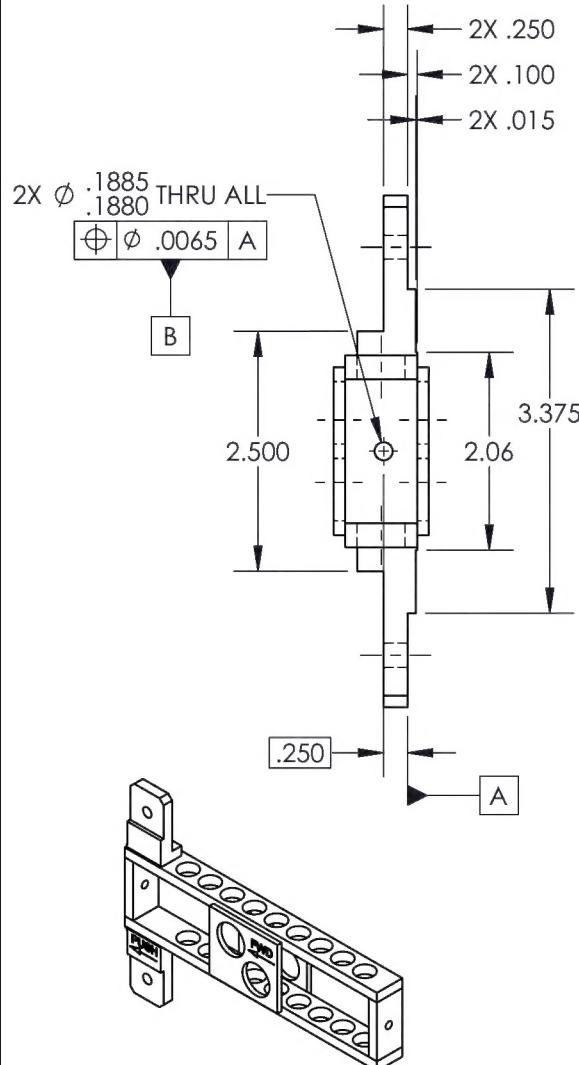
NOTE:
RBT400281 REPLACES BELL T/N: 412-240-035-101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-01	1	MACHINED WELDMENT			2
X	1		-03		WELDMENT			3
2			-05		SIDE	A36		4
2			-07		BRACE	A36		5
2			-09		END	A36		6
2			-11		MOUNT	A36		7
		B/O	-13	2	DRILL BUSHING	STEEL	Ø3/16 O.D. X .0595 I.D. X 1/4 (MCMASTER-CARR #8491A652)	1
ASSY -03	ASSY -01							

DART AEROSPACE		
HANGER SIMULATOR		
DWG NO.	RBT400281	REV 2
MAT'L	DRAWN BY: PERRITT	APPROVED D. Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
.XXX ± .005 FRACTIONS ± 1/8		
.XX ± .01 ANGLES ± 5°		
.X ± .1		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE 1:2		DATE 10/19/2009
USED ON MODEL BELL 412		
SHEET 1 OF 7		

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-01 IMPROVED GD&T. CH'D DIM WAS 2X Ø.183 P.F. -13 IS 2X LIMITS Ø.1880-.1885 THRU ALL. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II.	11/21/2014	DPD	JAG
2	15-0295	-01 CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS, ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM, CH'D DIM 2X Ø.1885-.1880 THRU ALL FEATURE CONTROL FRAME TARGET DIM WAS Ø.003 IS Ø.0065 AND ATTACHED DATUM B TO IT. ADDED 3/16 TEXT HT. TO MACHINE ENGRAVE NOTE.	9/10/2015	RJC	JAG



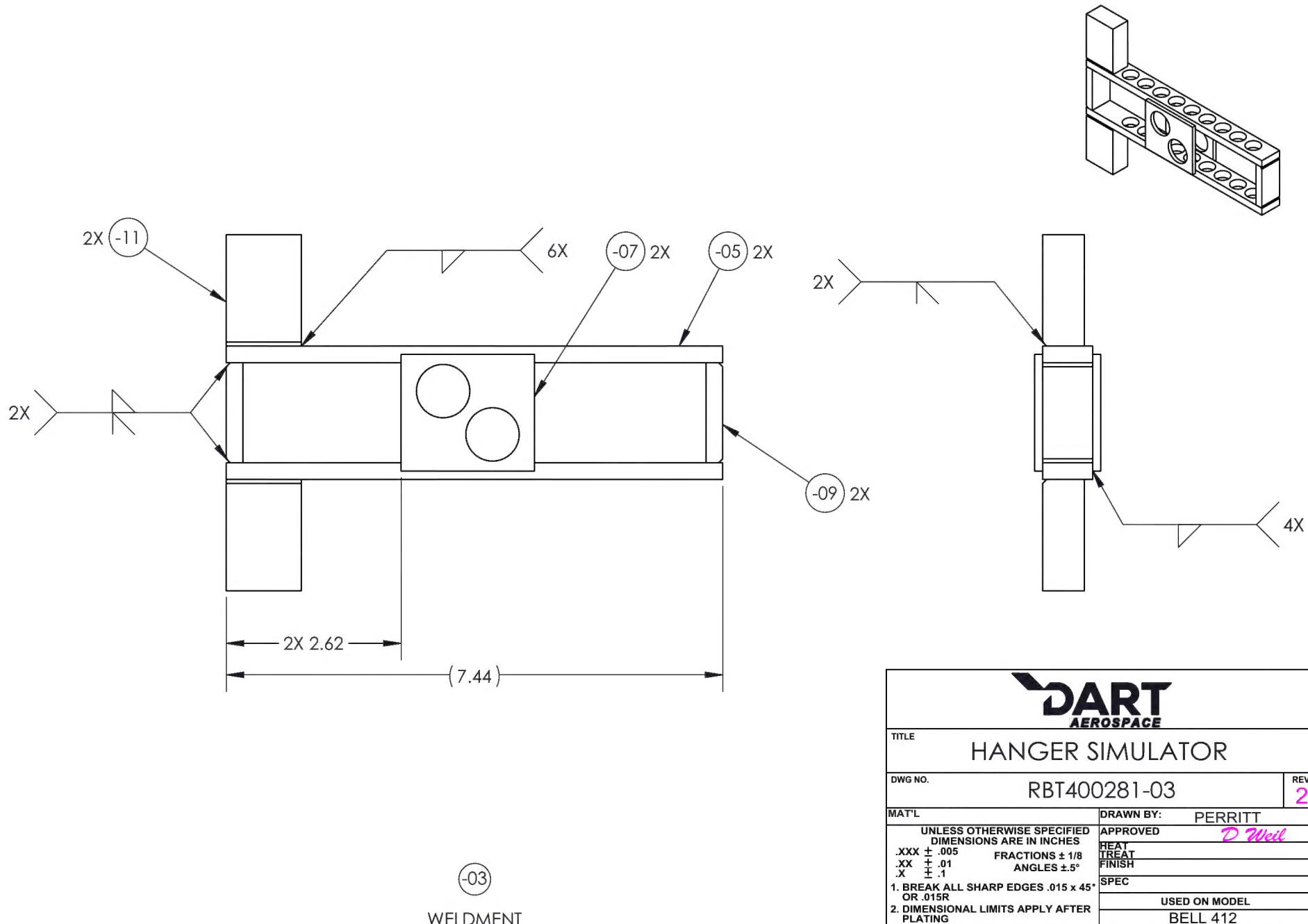
MACHINED WELDMENT

(-01)

DART AEROSPACE	
TITLE	
DWG NO. RBT400281-01	
REV 2	
MAT'L	DRAWN BY: PERRITT
APPROVED D. Weil	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.000 ± .005 FRACTIONS ± 1/8	
.00 ± .01 ANGLES ± 5°	
.00 ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT CAD PLATE YELLOW	
SPEC QQ-P-416, TYPE II, CLASS II	
USED ON MODEL BELL 412	
SCALE 1:2	DATE 10/19/2009
SHEET 2 OF 7	

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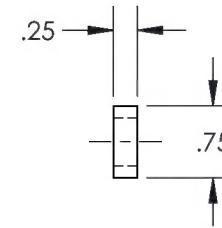
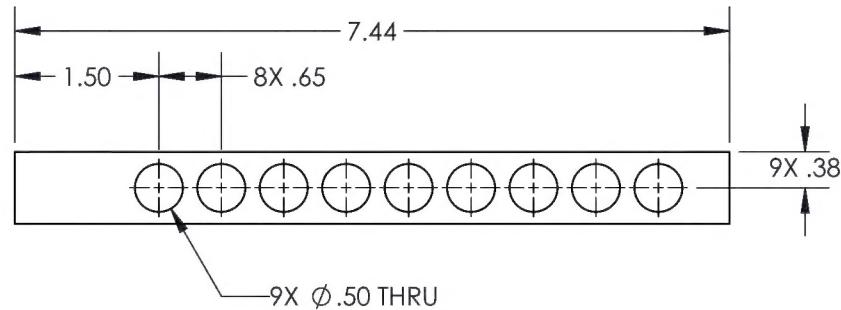
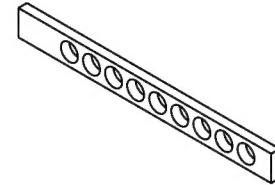
REV			ECR			DESCRIPTION			REVISIONS		
1	14-0221	-03 REMOVED GD&T. DELETED DIMS 2X .05, 2.00, 5.33. CH'D DIM WAS 7.44 IS (7.44).						DATE	INITIAL	APPROVED	
								11/21/2014	DPD	JAG	



DART AEROSPACE	
HANGER SIMULATOR	
DWG NO.	RBT400281-03
MAT'L	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL BELL 412
SCALE 1:2	DATE 10/19/2009
SHEET 3 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-05 CH'D DIM WAS .25 IS (.25).	11/21/2014	DPD	JAG
2	15-0295	-05 CH'D MATERIAL WAS 1018 IS A36, ADDED MISSING DIM 9X .38.	9/10/2015	RJC	JAG



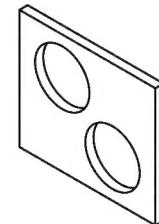
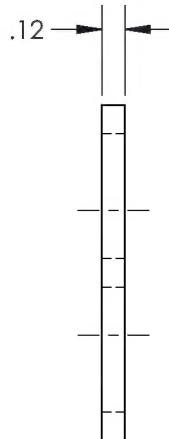
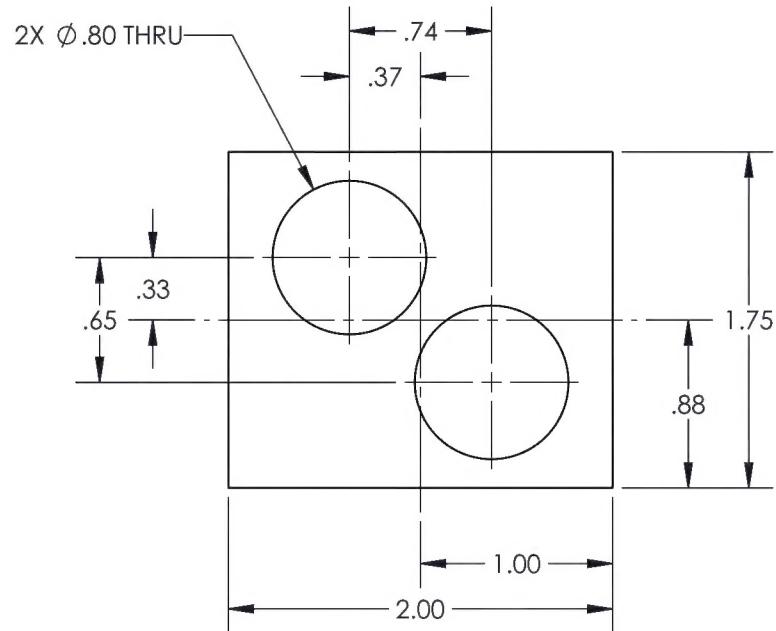
(-05)

SIDE

DART AEROSPACE	
TITLE	
DWG NO.	HANGER SIMULATOR
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	<i>D Weil</i>
HEAT	
TREAT	
FINISH	
ANGLES ± .5°	SEE -01
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE	1:2
DATE	10/19/2009
SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-07 CH'D DIM WAS .12 IS (.12).	11/21/2014	DPD	JAG
2	15-0295	-07 CH'D MATERIAL WAS 1018 IS A36.	9/10/2015	RJC	JAG



-07

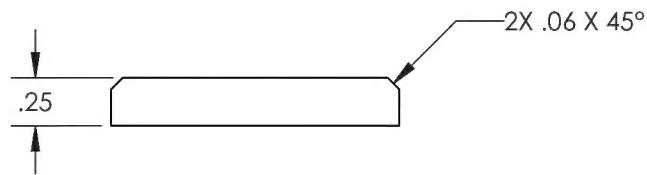
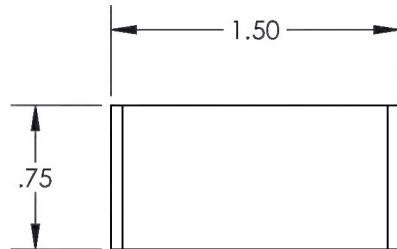
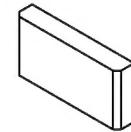
BRACE

DART AEROSPACE	
TITLE	
HANGER SIMULATOR	
DWG NO.	RBT400281-07
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
SEE -01	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
BELL 412	
SCALE	1:1
DATE	10/19/2009
SHEET 5 OF 7	

REV
2

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-09 CH'D DIM WAS .25 IS (.25).	11/21/2014	DPD	JAG
2	15-0295	-09 CH'D MATERIAL WAS 1018 IS A36.	9/10/2015	RJC	JAG



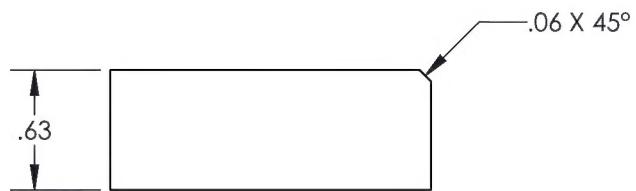
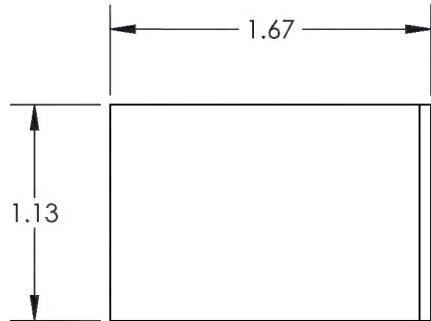
-09

END

	
TITLE	
DWG NO.	HANGER SIMULATOR
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
HEAT	
TREAT	
FINISH	SEE -01
ANGLES ± .5°	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE	1:1
DATE	10/19/2009
SHEET 6 OF 7	

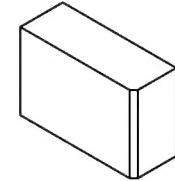
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-11 CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13.	11/21/2014	DPD	JAG
2	15-0295	-11 CH'D MATERIAL WAS 1018 IS A36.	9/10/2015	RJC	JAG



(-11)

MOUNT



DART AEROSPACE	
TITLE	
DWG NO.	HANGER SIMULATOR
MAT'L	A36
DRAWN BY:	PERRITT
APPROVED	D Weil
HEAT	
TREAT	
FINISH	SEE -01
SPEC	
USED ON MODEL	
BELL 412	
SCALE	1:1
DATE	10/19/2009
SHEET	7 OF 7